AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) An electrochemical generator, comprising: ~~comprised of~~

at least one elementary cell ~~comprising~~ having a porous current ~~collectors/distributors~~ collector/distributor ~~in correspondence of the~~ and an active area[[,]]; and

a feed device for feeding reactants [[gases]] into the at least one elementary cell and an extraction device for withdrawing reaction products and exhausts from the at least one elementary cell, wherein the pressure drop ~~drops localised~~ in the extraction device ~~are substantially~~ is about four to about a hundred times higher than said pressure drop ~~drops localised~~ in the feed device.

2. (Currently Amended) The generator of claim 1, wherein the feed device comprises a feed manifold and at least one distributing channel connecting the feed manifold and the active area, and that the extraction device comprises a discharge manifold and at least one collecting channel connecting the active area and the discharge manifold.

3. (Currently Amended) The generator of claim 2, wherein said pressure drop ~~localised~~ in the feed device is concentrated within said ~~at least one~~ distributing channel

and said pressure drop ~~localised~~ in the extraction device is concentrated within said ~~at least one~~ collecting channel.

4. (Currently Amended) The generator of claim 1, wherein the pressure inside the current collector/distributor ~~collectors/distributors in correspondence of the active area~~ is substantially equivalent to the pressure in the feed device.

5. (Currently Amended) The [[Th]] generator of claim 4, wherein the pressure in the feed device is lower than or equal to 1.5 bar abs.

6. (Currently Amended) The generator of claim 2, wherein said ~~at least one~~ collecting channel has a ~~substantially lower~~ narrower passage section than said ~~at least one~~ distributing channel.

7. (Currently Amended) The generator of claim 2, wherein said ~~at least one~~ collecting channel has a substantially ~~higher~~ longer length than said ~~at least one~~ distributing channel.

8. (Currently Amended) The generator of claim 2, further comprising:

~~an amount of~~ a plurality of said collecting channels and a plurality of said distributing channels, wherein the number of said collecting channels is lower than the ~~amount~~ number of said distributing channels.

9. (Currently Amended) The generator of claim 1, wherein said ~~at least one~~ elementary cell comprises sealing gaskets provided with ~~centring~~ centering holes symmetrical with respect to the vertical axis and asymmetrical with respect to the horizontal axis, which is adapted to receive a centering pin during the assembly of the electrochemical generator.

10. (Currently Amended) The generator of claim 2, wherein said ~~at least one~~ collecting channel is [[made]] hydrophobic.

11. (Currently Amended) The generator of claim 10, wherein said ~~at least one~~ collecting channel is made hydrophobic by ~~applying suspensions of~~ applying thereon a coating of fluorinated polymers.

12. (Currently Amended) The generator of claim 11, wherein said fluorinated polymers are selected from the group consisting of polytetrafluoroethylene, polyvinylidenfluoride, tetrafluoroethylene-hexafluoroethylene copolymer, and perfluoroalcoxy derivatives.

13. (Currently Amended) The generator of claim 2, wherein said distributing and collecting channels are ~~obtained~~ recesses in the sealing gaskets.

14. (Currently Amended) The generator of claim 2, wherein said distributing and collecting channels are ~~obtained~~ recesses in the interior of bipolar plates delimiting the elementary cells.

15. (Canceled)

16. (New) The generator of claim 1, wherein the pressure drop in the extraction device is about ten to about a hundred times higher than said pressure drop in the feed device.